

FIG. 1

093750 6523360

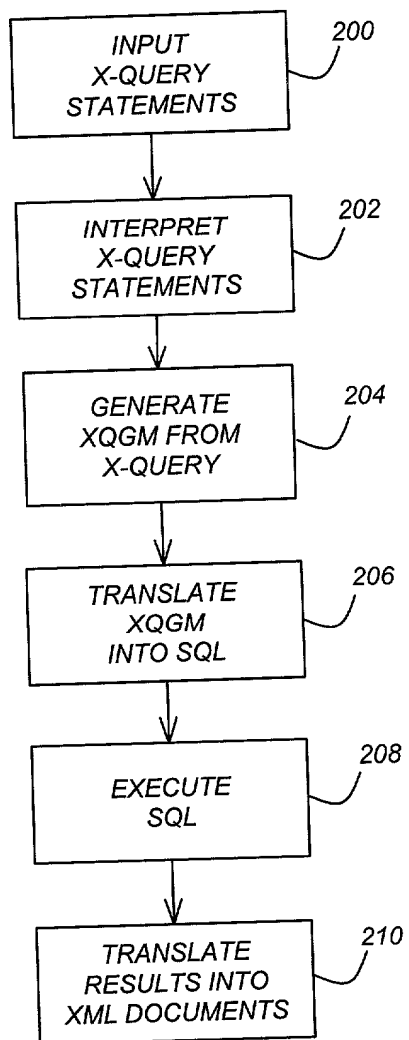


FIG. 2

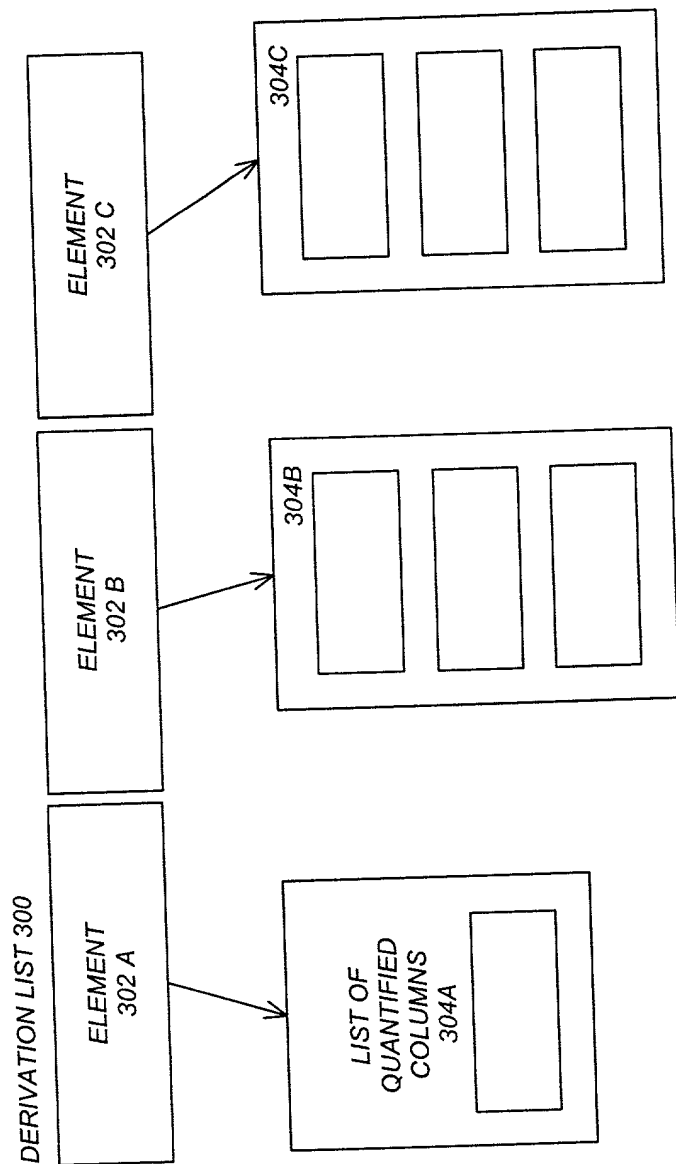


FIG. 3

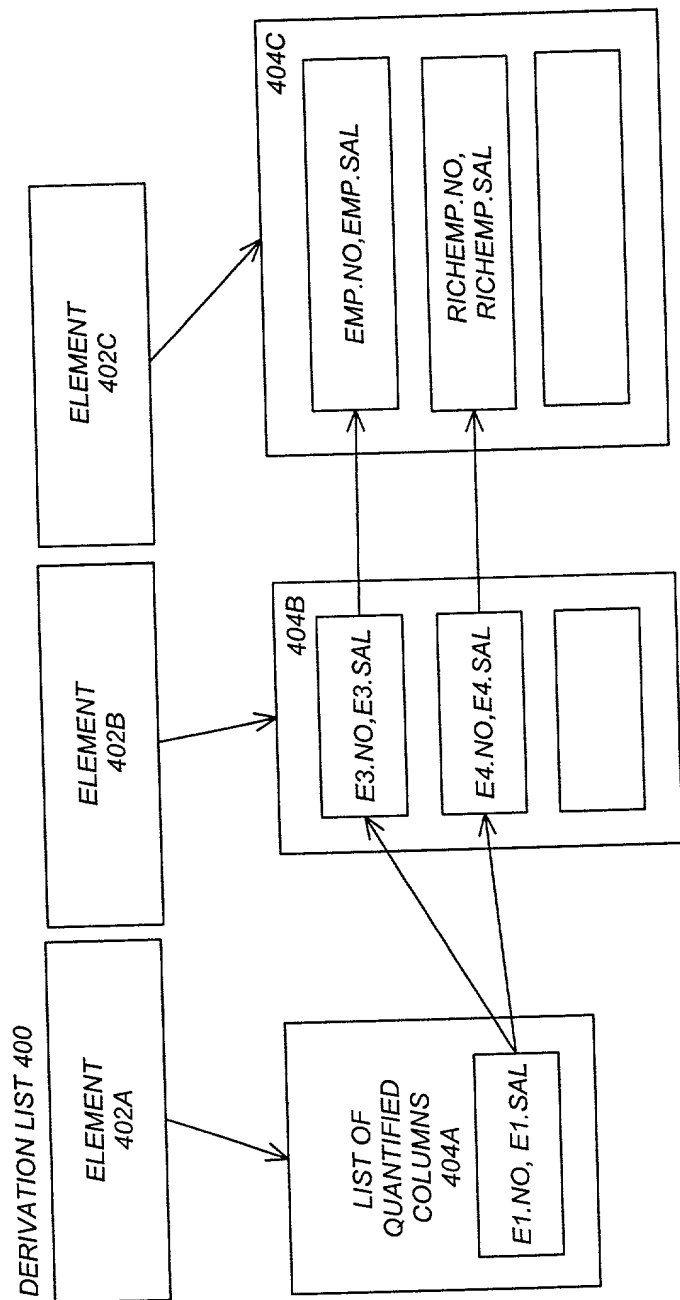


FIG. 4

```

graph TD
    Entry(( )) --> 500{FOR EACH  
QUANTIFIER?}
    500 -- NO --> EXIT((EXIT))
    500 -- YES --> 502{INNER  
JOIN?}
    502 -- NO --> EXIT
    502 -- YES --> 504{>=2  
QUANTIFIERS  
?}
    504 -- NO --> EXIT
    504 -- YES --> 506[COMPUTE  
EQUIVALENCE  
CLASSES]
    506 --> 508[SEPARATE  
QUANTIFIED  
COLUMNS]
    508 --> 510[ENUMERATE  
ALL  
COMBINATIONS]
    510 --> A((A))

```

Diagram A shows a circle with a single arrow pointing to its top boundary.

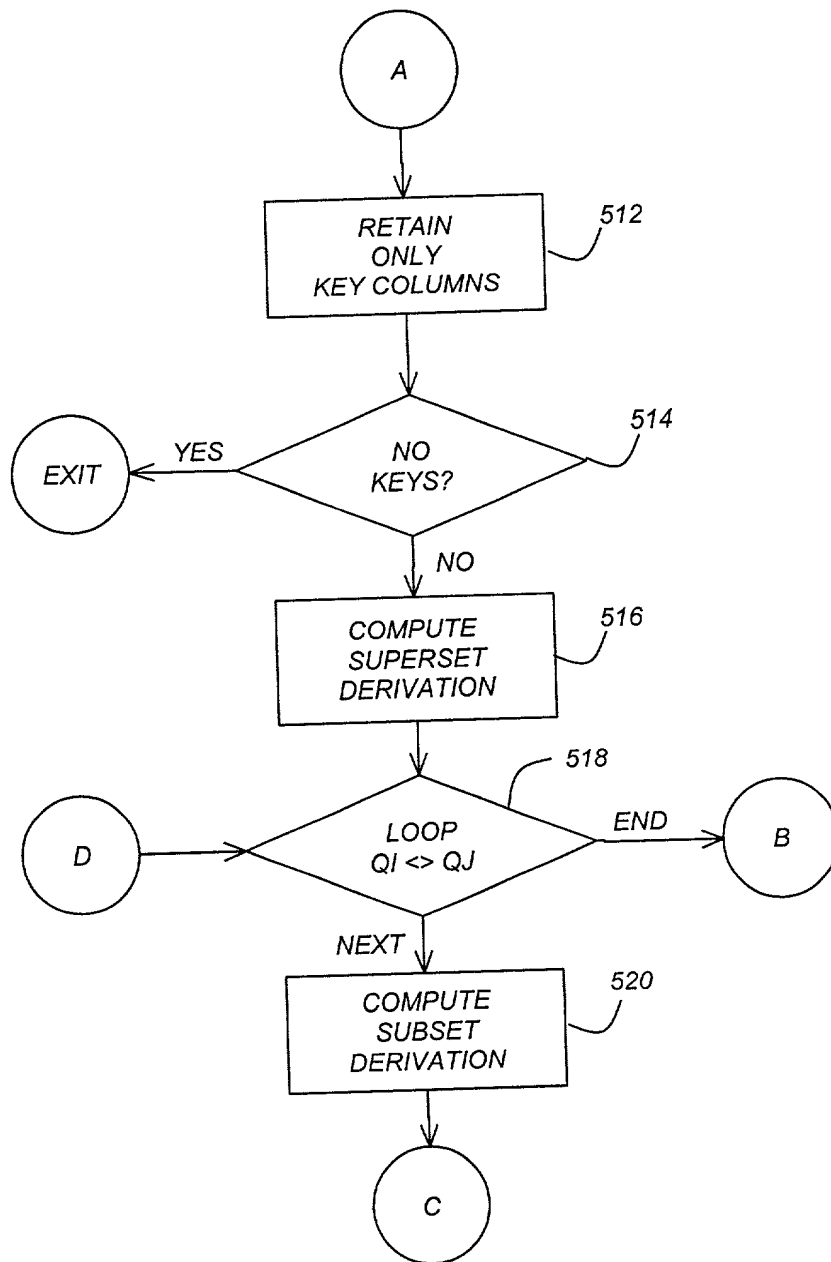


FIG. 5B

FIG. 5C

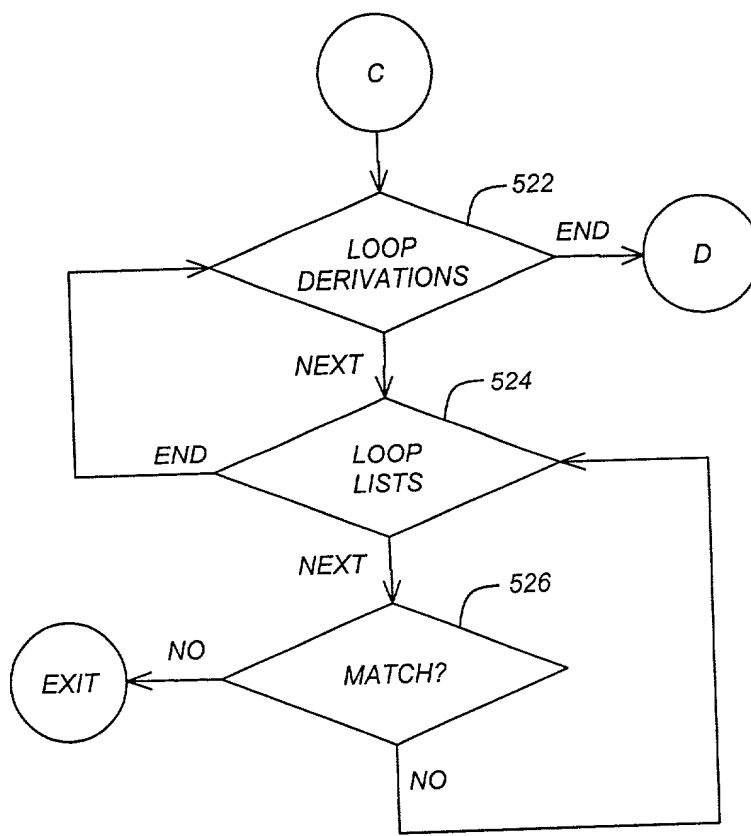


FIG. 5C

09887769 062104
"000000" 000000

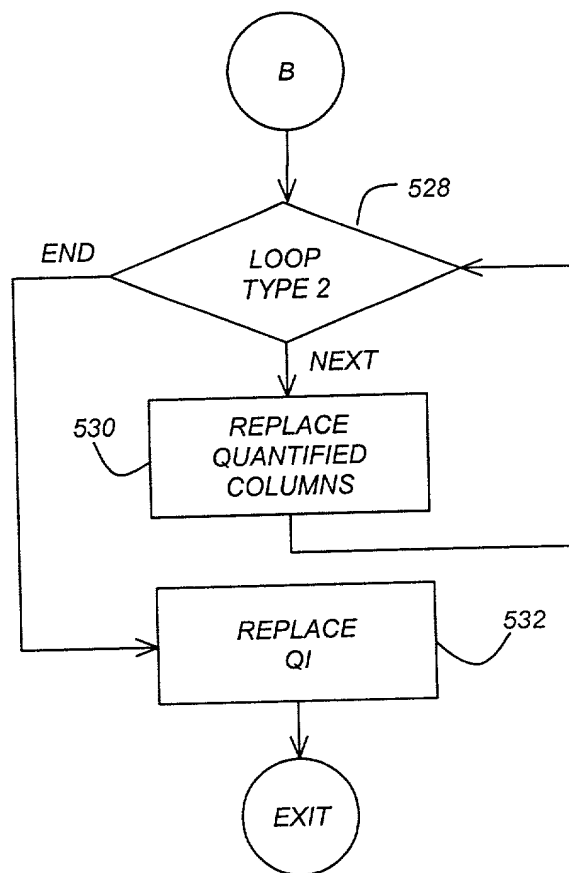


FIG. 5D